Tentative Course Schedule

Please use this as an approximate class schedule; section coverage may change depending on the flow of the course. Review days/topics may be changed or cancelled in the event of inclement weather.

Week and Dates	*Section Coverage*	*Topics*
Week 1 August 21-24	Section 4.8 Sections 5.1, 5.2	Review of Derivatives/Anti-derivatives Area under the curve, Sigma Notation
Week 2 August 28-September 1	Section 5.3 Section 5.4	The Definite Integral The Fundamental Theorem of Calculus
Week 3 September 4-8	**September 4** Sections 5.5-5.6	**No class: Labor Day Holiday** Integration by Substitution, Area Between Curves *Quiz #1*
Week 4 September 11-15	Sections 7.1-7.2 Section 8.2	Logs, Exponentials and Separable DEQs Integration by Parts
Week 5 September 18-22	Sections 8.3-8.4	Integration of Products and Powers of Trig Functions Trigonometric Substitution *Midterm #1*
Week 6 September 25-29	Section 8.5	Partial Fractions, Integrating Rational Functions
Week 7 October 2-6	Section 8.7 Section 4.5	Numerical Integration L'Hopital's Rule *Quiz #2*
Week 8 October 9-13	**October 9-10** Section 8.8	**Fall Recess (no class)** Improper Integrals
Week 9 October 16-20	Sections 10.1-10.2	Infinite Sequences and Series *Midterm #2*
Week 10 October 23-27	Section 10.3, 10.4	Integral Test, Comparison Tests
Week 11 October 30-November 3	Section 10.5	Ratio and Root Tests Convergence Tests Review *Quiz #3*
Week 12 November 6-10	Sections 10.6, 10.7	Alternating Series, Power Series
Week 13 November 13-17	Sections 10.8, 10.9	Taylor and MacLaurin Series *Midterm #3*
Week 14 November 20-24	Section 10.9 **November 22-24**	Power/Taylor Series Review **No class: Thanksgiving Break**
Week 15 November 27-December 1	Sections 6.1, 6.2	Volumes by Disks and Shells *Quiz #4*
Week 16 December 4-5		Review for Final Exam *FINAL EXAM IS DECEMBER 7 AT 6:00 PM*